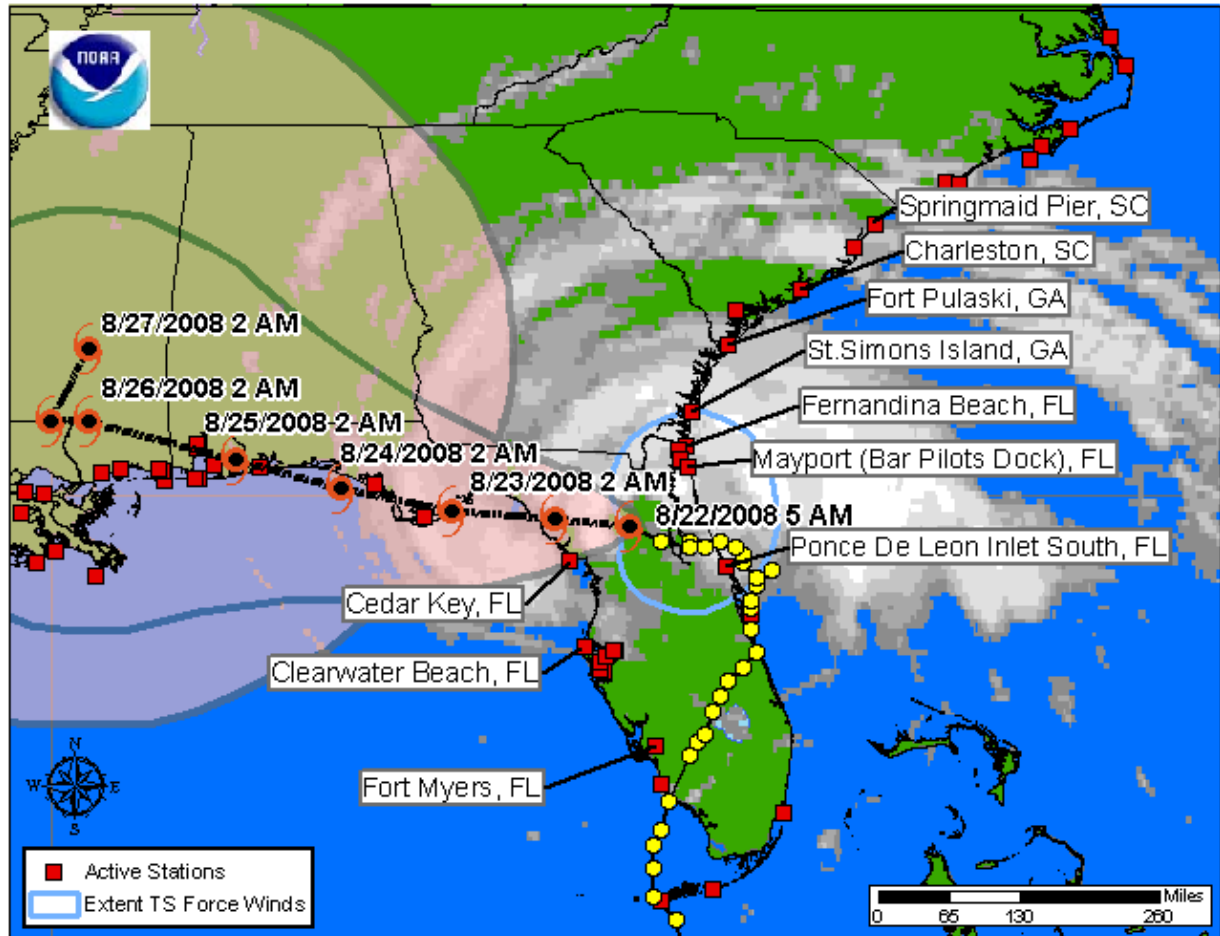




Tropical Storm FAY QuickLook
Posted: 06:00 EDT 08/22/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/22/2008 06:00 EDT, water levels from northeastern Florida to South Carolina are elevated about 1.0 to 3.9 feet above predicted. Water levels remain elevated at Fort Meyers and rising at Clearwater Beach. Barometric pressure continues to fall at Fernandina Beach, FL. Winds are increasing at Fort Pulaski, GA with gusts up to 33 knots recorded.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Ponce De Leon, FL: Next predicted high tide is 3.00 ft (0.91 m) at 08/22/2008 13:20 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 5.20 ft (1.58 m) at 08/22/2008 13:19 EDT.

Fernandina Beach, FL: Next predicted high tide is 6.80 ft (2.07 m) at 08/22/2008 13:34 EDT.

St. Simons Island, GA: Next predicted high tide is 7.30 ft (2.23 m) at 08/22/2008 13:02 EDT.

Fort Pulaski, GA: Next predicted high tide is 7.70 ft (2.35 m) at 08/22/2008 12:48 EDT.

Charleston, SC: Next predicted high tide is 6.00 ft (1.83 m) at 08/22/2008 12:33 EDT.

Springmaid Pier, SC: Next predicted high tide is 5.80 ft (1.77 m) at 08/22/2008 12:08 EDT.

Fort Myers, FL: Next predicted high tide is 1.50 ft (0.46 m) at 08/22/2008 07:27 EDT.

Cedar Key, FL: Next predicted high tide is 3.10 ft (0.95 m) at 08/22/2008 18:48 EDT.

Clearwater Beach, FL: Next predicted high tide is 2.00 ft (0.61 m) at 08/22/2008 17:00 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: ND

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM FAY ADVISORY NUMBER 27

500 AM EDT FRI AUG 22 2008

CENTER OF FAY NEAR GAINESVILLE TROPICAL STORM CONDITIONS CONTINUE ALONG PARTS OF THE FLORIDA AND GEORGIA COASTS

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE GULF COAST OF FLORIDA FROM ARIPEKA NORTHWARD AND WESTWARD TO INDIAN PASS AND A TROPICAL STORM WATCH REMAINS IN EFFECT FROM WEST OF INDIAN PASS WESTWARD TO DESTIN.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM SEBASTIAN INLET FLORIDA NORTHWARD TO THE SAVANNAH RIVER AT THE BORDER BETWEEN GEORGIA AND SOUTH CAROLINA.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREAGENERALLY WITHIN 36 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.

AT 500 AM EDT 0900Z THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR LATITUDE 29.6 NORTH LONGITUDE 82.2 WEST OR NEAR GAINESVILLE FLORIDA. THIS

POSITION IS ALSO ABOUT 65 MILES 105 KM EAST-NORTHEAST OF CEDAR KEY FLORIDA.

FAY IS MOVING TOWARD THE WEST NEAR 6 MPH 9 KM/HR AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT DAY OR TWO. ON THE FORECAST TRACK THE CENTER OF FAY IS EXPECTED TO CROSS THE NORTHERN FLORIDA PENINSULA TODAY THEN MOVE NEAR OR OVER THE COAST OF THE FLORIDA PANHANDLE TONIGHT AND SATURDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH 85 KM/HR WITH HIGHER GUSTS. GRADUAL WEAKENING IS FORECAST DURING THE NEXT 24 HOURS BUT FAY IS EXPECTED TO REMAIN A TROPICAL STORM INTO SATURDAY.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES 220 KM MAINLY TO THE EAST OF THE CENTER. SEVERAL STATIONS IN THE JACKSONVILLE AREA HAVE REPORTED WIND GUSTS OF 55 TO 60 MPH 90 TO 95 KM/HR DURING THE PAST FEW HOURS.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 995 MB 29.38 INCHES. GAINESVILLE RECENTLY REPORTED A PRESSURE OF 996.1 MB 29.41 INCHES.

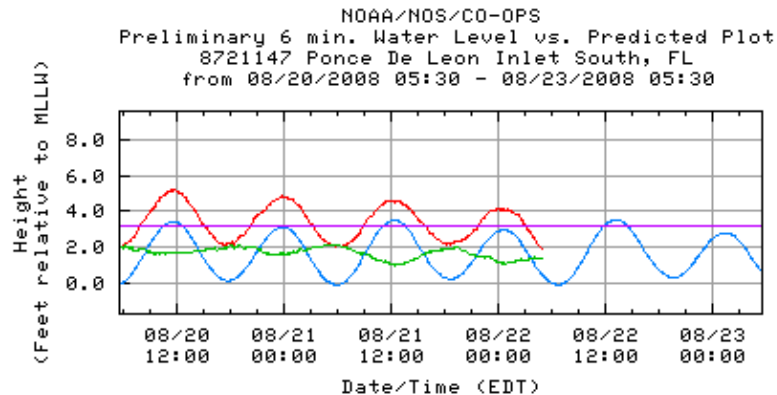
STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDES IS POSSIBLE ALONG THE EAST COAST OF FLORIDA AND GEORGIA TO THE NORTH OF THE CENTER OF FAY. STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS IS ALSO POSSIBLE IN THE WARNING AREA ALONG THE FLORIDA GULF COAST IN AREAS OF ONSHORE WINDS.

FORECASTER BEVEN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Air/Water Temp](#), [Fernandina Beach - Barometric](#), [St. Simons Island - Water Level](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Air/Water Temp](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Charleston - Air/Water Temp](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Air/Water Temp](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Air/Water Temp](#), [Clearwater Beach - Winds](#), [Cedar Key - Water Level](#),

Ponce De Leon Inlet South, FL - Station Map [Return to List](#)



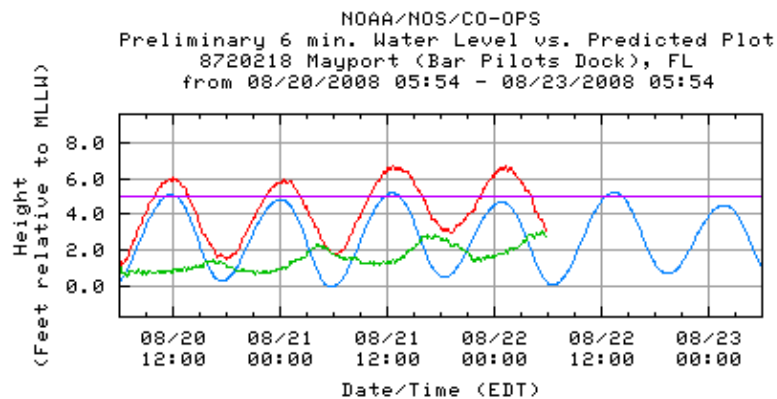
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 08/22/2008 04:54 (EDT)

Relative to **MLLW**: **Observed: 1.89 ft. Predicted: 0.47 ft. Residual: 1.42 ft.**

Historical Maximum Water Level: n/a

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)



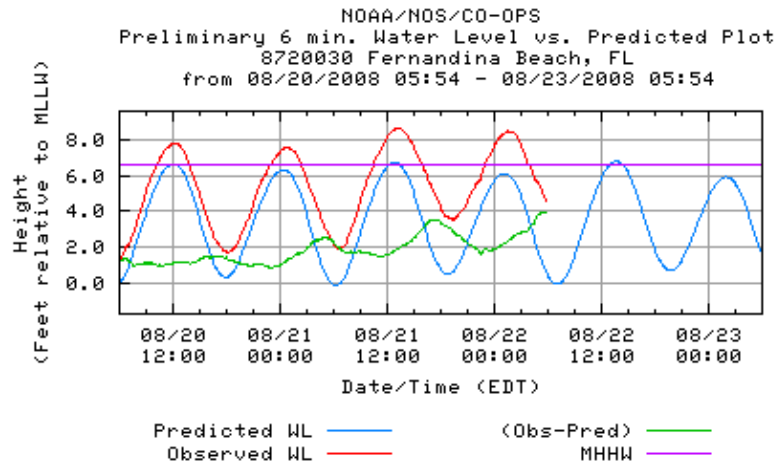
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 08/22/2008 05:36 (EDT)

Relative to **MLLW**: **Observed: 3.14 ft. Predicted: 0.37 ft. Residual: 2.77 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

Fernandina Beach, FL - Station Map [Return to List](#)

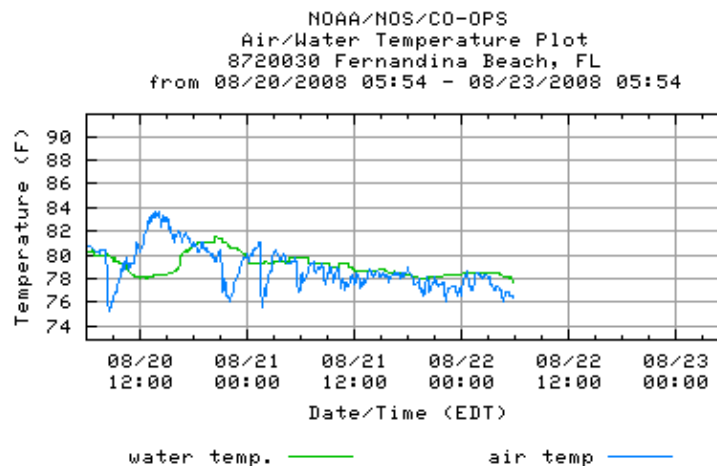


Last Observed Sample: 08/22/2008 05:42 (EDT)

Relative to **MLLW**: **Observed: 4.55 ft. Predicted: 0.65 ft. Residual: 3.90 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

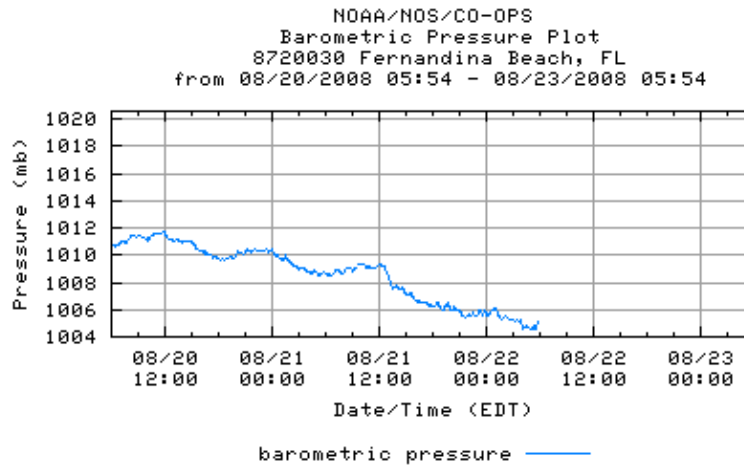
Fernandina Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 05:42 (EDT)

Water Temperature: 77.7° F Air Temperature: 76.6° F

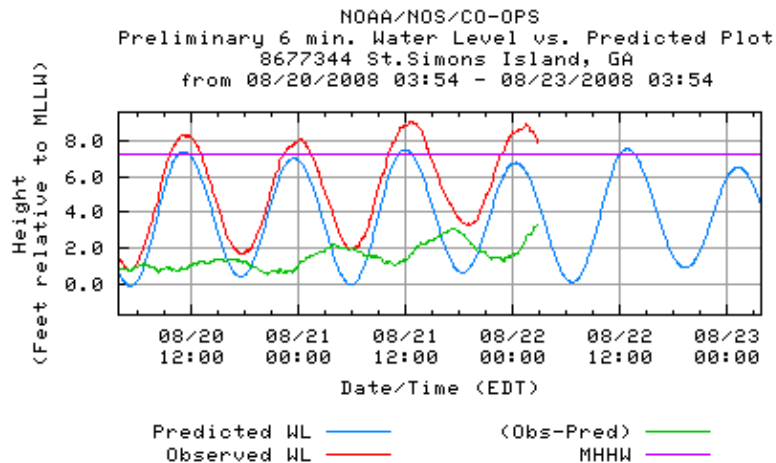
Fernandina Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 05:42 (EDT)

Barometric Pressure: 1005.1 mb

St.Simons Island, GA - Station Map [Return to List](#)

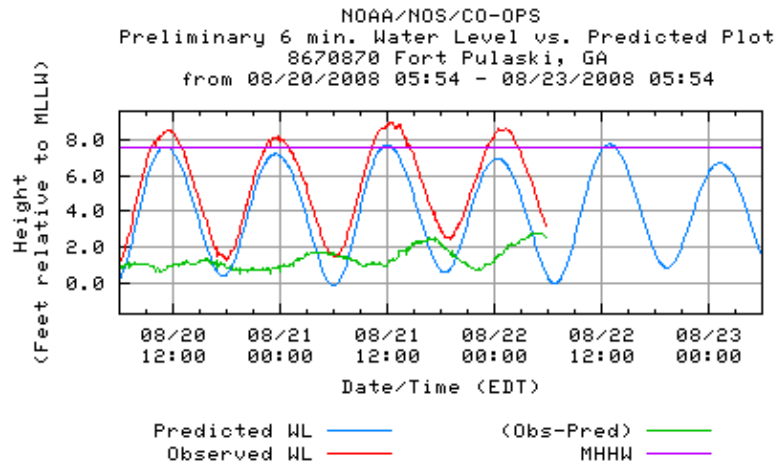


Last Observed Sample: 08/22/2008 02:54 (EDT)

Relative to **MLLW**: **Observed: 7.89 ft.** **Predicted: 4.61 ft.** **Residual: 3.28 ft.**

Historical Maximum Water Level: 07/22/2001, 2.41 ft. above **MHHW**

Fort Pulaski, GA - Station Map [Return to List](#)

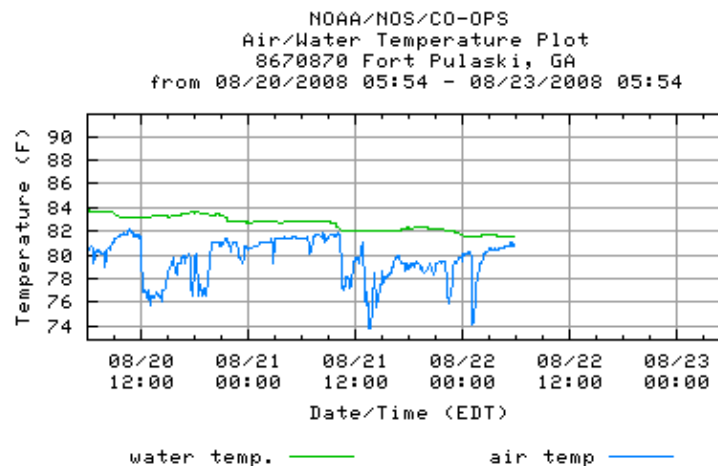


Last Observed Sample: 08/22/2008 05:36 (EDT)

Relative to **MLLW**: **Observed: 3.23 ft. Predicted: 0.63 ft. Residual: 2.60 ft.**

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

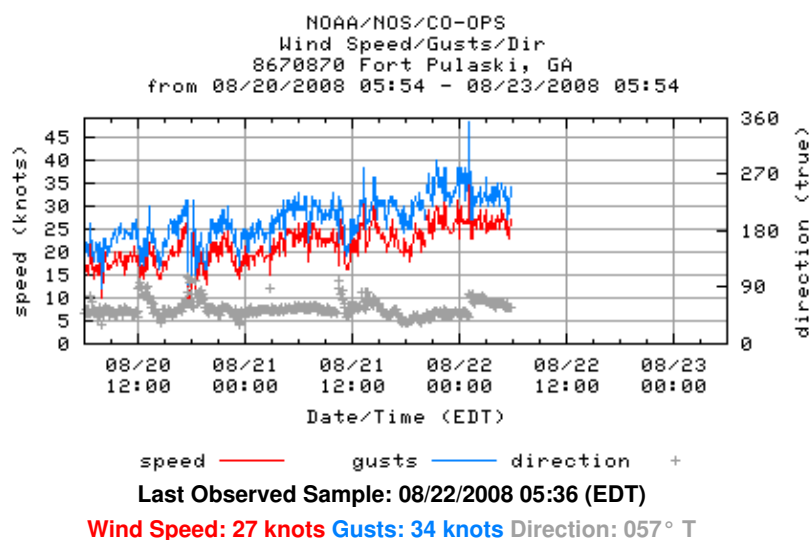
Fort Pulaski, GA - Station Map [Return to List](#)



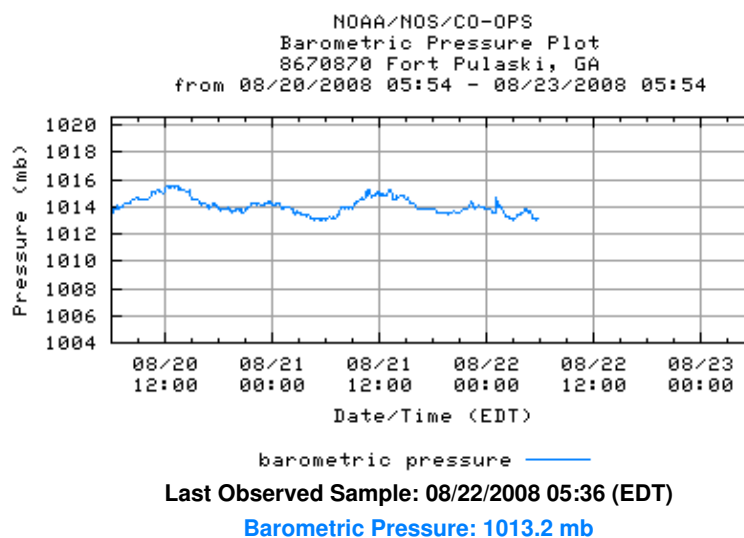
Last Observed Sample: 08/22/2008 05:36 (EDT)

Water Temperature: 81.5° F Air Temperature: 80.8° F

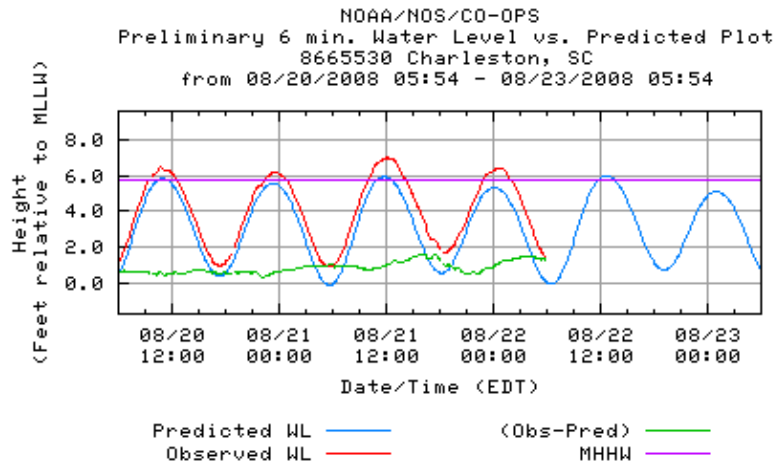
Fort Pulaski, GA - Station Map [Return to List](#)



Fort Pulaski, GA - Station Map [Return to List](#)



Charleston, SC - Station Map [Return to List](#)

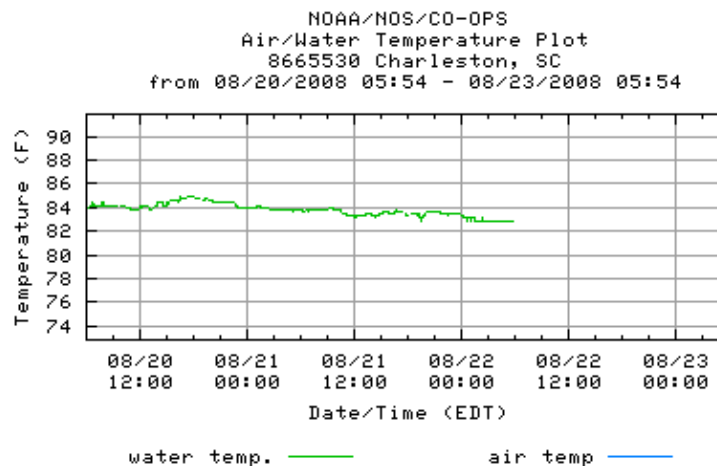


Last Observed Sample: 08/22/2008 05:42 (EDT)

Relative to **MLLW**: **Observed: 1.47 ft. Predicted: 0.15 ft. Residual: 1.32 ft.**

Historical Maximum Water Level: 09/21/1989, 6.76 ft. above **MHHW**

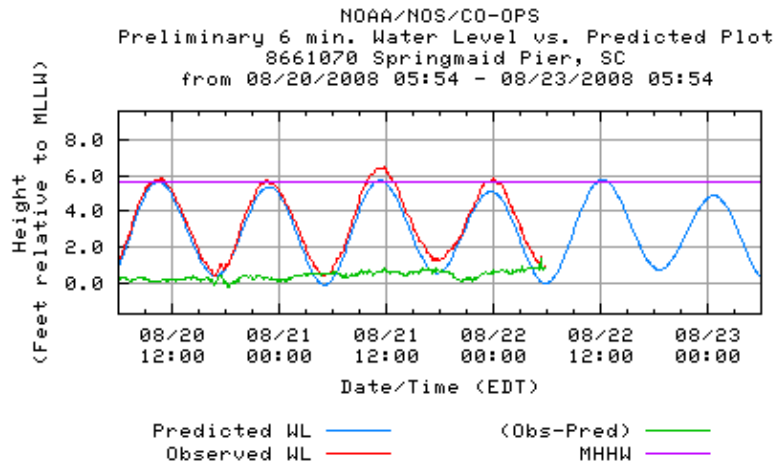
Charleston, SC - Station Map [Return to List](#)



Last Observed Sample: 08/20/2008 05:54 (EDT)

Water Temperature: 84.2° F Air Temperature: n/a

Springmaid Pier, SC - Station Map [Return to List](#)

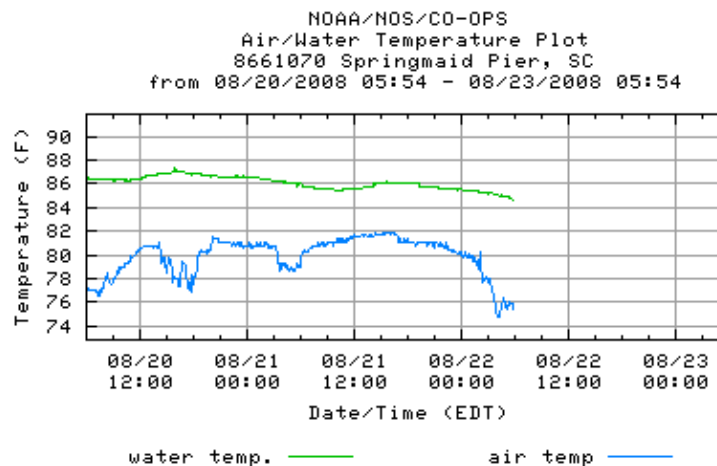


Last Observed Sample: 08/22/2008 05:42 (EDT)

Relative to **MLLW**: **Observed: 0.89 ft. Predicted: 0.03 ft. Residual: 0.86 ft.**

Historical Maximum Water Level: 01/01/1987, 3.65 ft. above **MHHW**

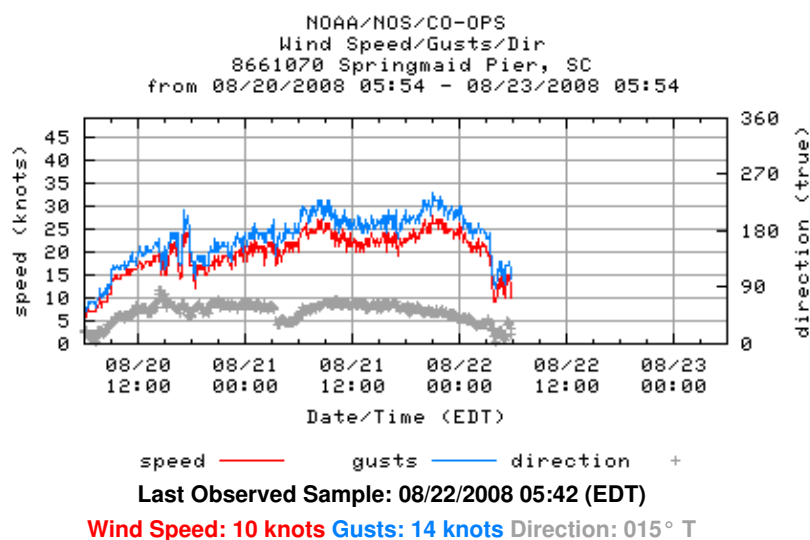
Springmaid Pier, SC - Station Map [Return to List](#)



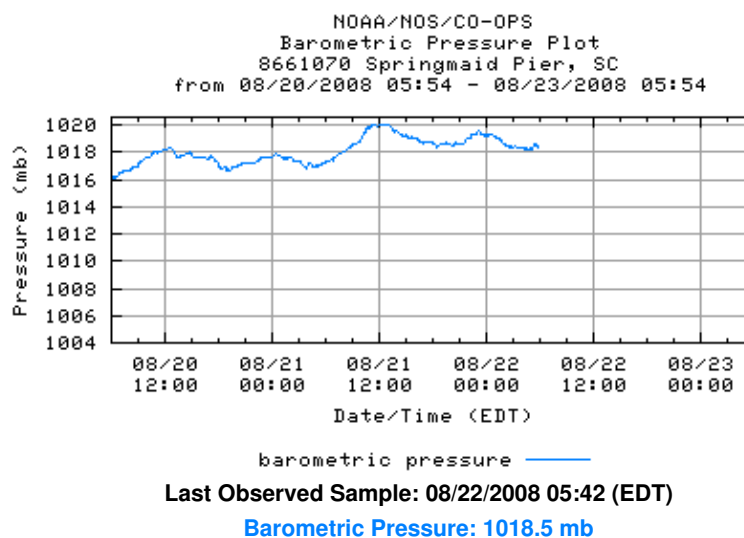
Last Observed Sample: 08/22/2008 05:42 (EDT)

Water Temperature: 84.6° F Air Temperature: 75.4° F

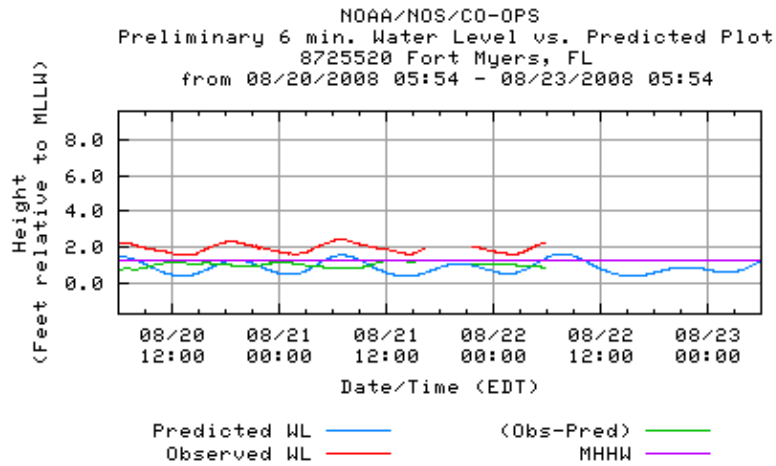
Springmaid Pier, SC - Station Map [Return to List](#)



Springmaid Pier, SC - Station Map [Return to List](#)



Fort Myers, FL - Station Map [Return to List](#)

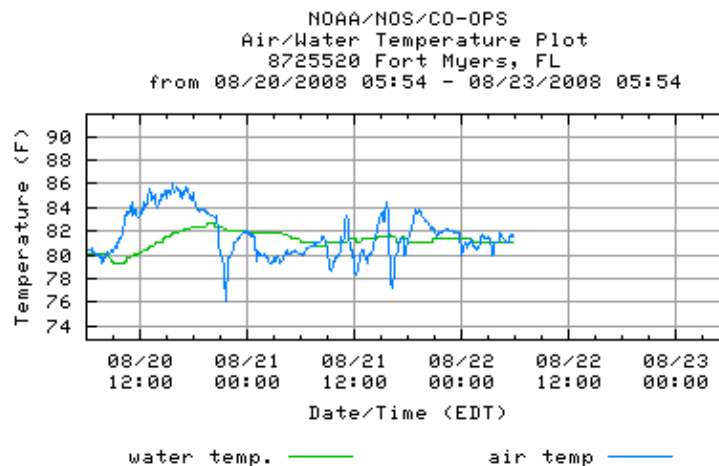


Last Observed Sample: 08/22/2008 05:42 (EDT)

Relative to **MLLW**: **Observed: 2.28 ft. Predicted: 1.40 ft. Residual: 0.88 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

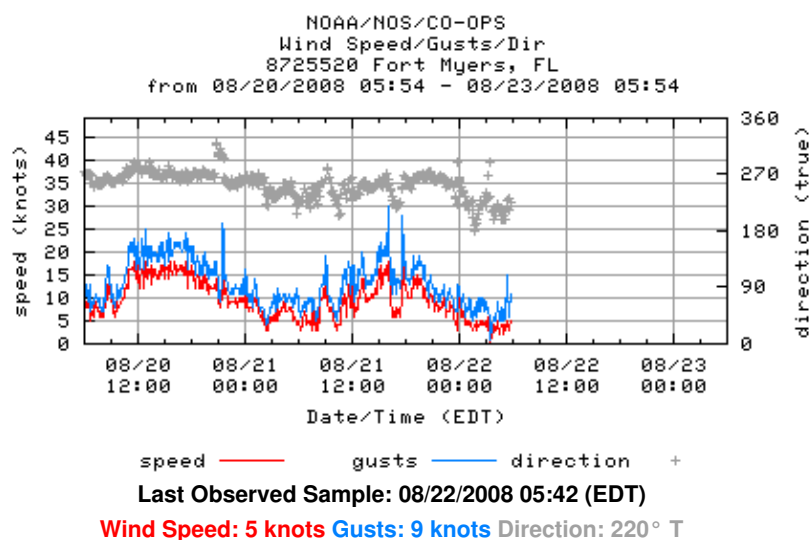
Fort Myers, FL - Station Map [Return to List](#)



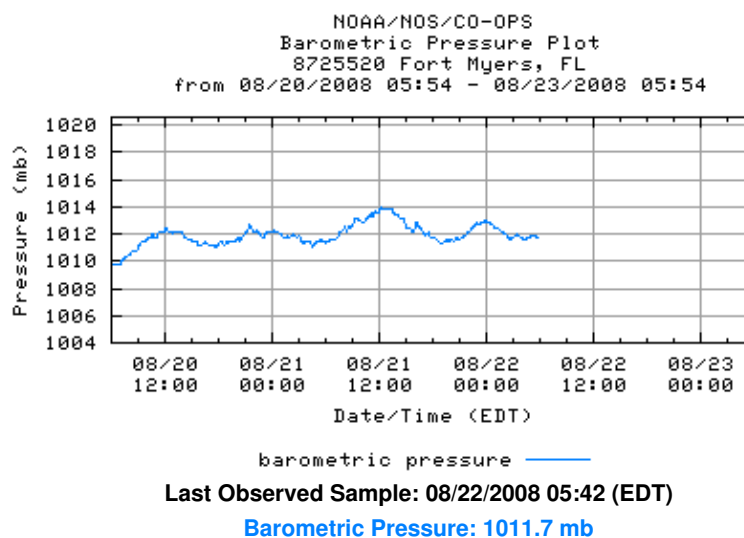
Last Observed Sample: 08/22/2008 05:42 (EDT)

Water Temperature: 81.0° F Air Temperature: 81.5° F

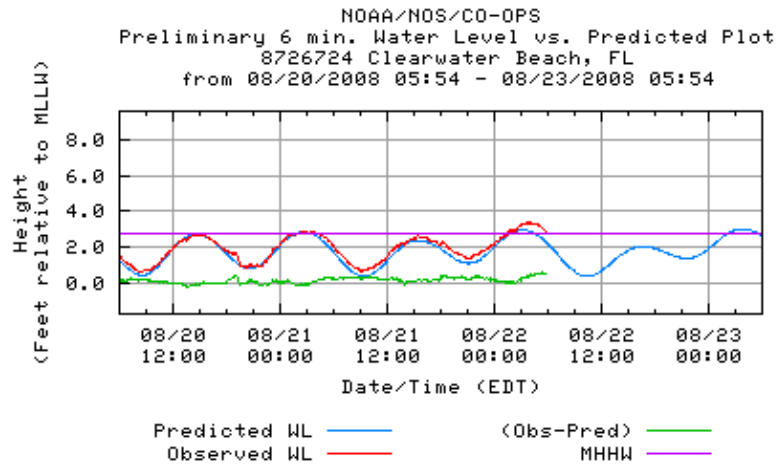
Fort Myers, FL - Station Map [Return to List](#)



Fort Myers, FL - Station Map [Return to List](#)



Clearwater Beach, FL - Station Map [Return to List](#)

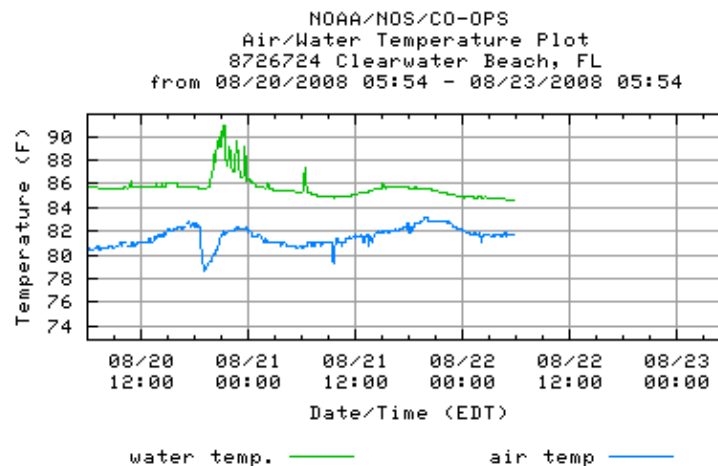


Last Observed Sample: 08/22/2008 05:36 (EDT)

Relative to **MLLW**: **Observed: 2.92 ft. Predicted: 2.35 ft. Residual: 0.57 ft.**

Historical Maximum Water Level: 03/13/1993, 4.05 ft. above **MHHW**

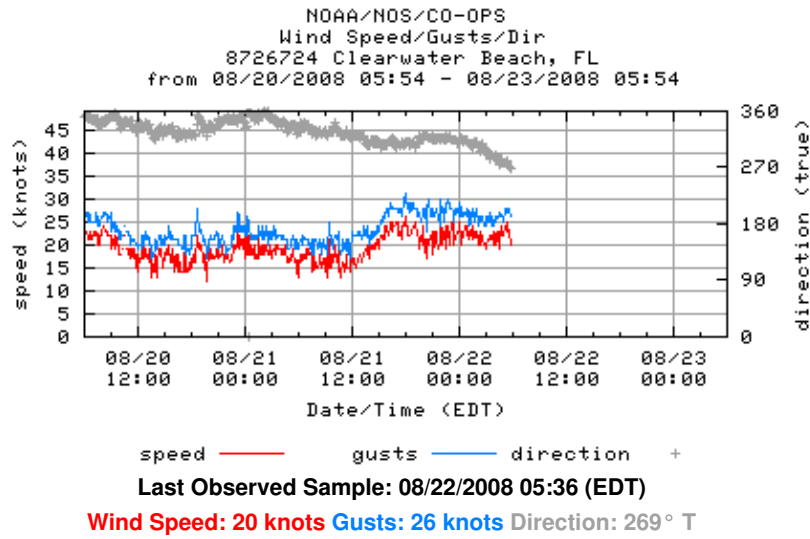
Clearwater Beach, FL - Station Map [Return to List](#)



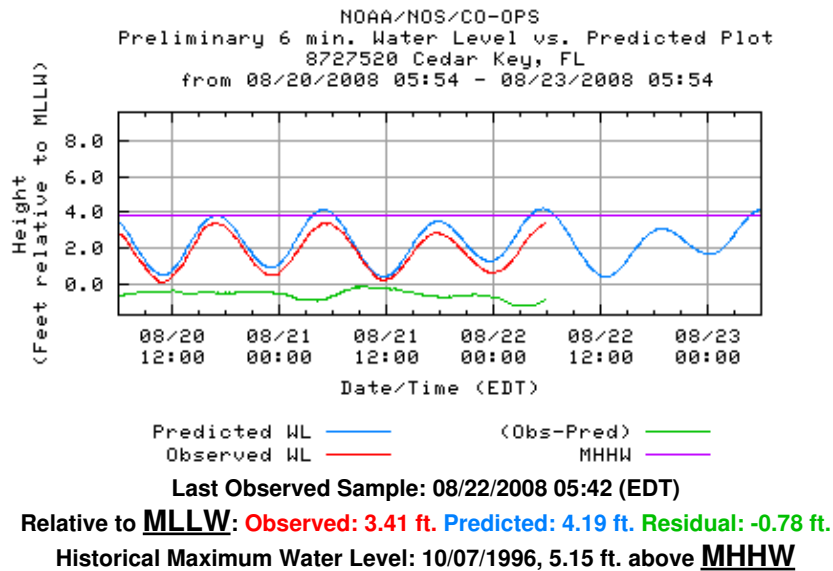
Last Observed Sample: 08/22/2008 05:36 (EDT)

Water Temperature: 84.6° F Air Temperature: 81.7° F

Clearwater Beach, FL - Station Map [Return to List](#)



Cedar Key, FL - Station Map [Return to List](#)



Tropical Storm FAY QuickLook, POSTED 06:00 EDT 08/22/2008

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National Oceanic and Atmospheric Administration | U.S. Department of Commerce